OHD000 7224
EPA IDENTIFICATION NUMBER

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
Form 2 - Generator Inspection

I. General Information:

(A) Installation Name: CARSTAB CORP

(B) Street: WEST ST

(C) City: CINN. (D) State: OH (E) Zip Code: 45215

(F) Phone: 513-554-1554 (G) County: HAMILTON

(H) Operator: Ralph Burns Pres

(I) Street: Same

(J) City: (K) State: (L) Zip Code:

(M) Phone: (N) County:

(O) Owner: Thiokol Corp

(P) Street: P O Box 1000

(Q) City: Newtown (R) State: Penn (S) Zip Code: 1894[illegible]

(T) Phone: 215-968-5911 (U) County:

(V) Type of Ownership: ___ Federal ___ Municipal _/_ Private ___ State ___ County

(W) Date of Inspection: 5/31/81 Time of Inspection (From) _____ (To) _____

(X) Weather Conditions:

Person(s) Interviewed	Title	Telephone

(Z) Inspection Participants	Title	Telephone

II. OTHER TYPE OF HAZARDOUS WASTE ACTIVITY

(A) ____ Transporter (Form 3)

(B) ✓ Chemical, Physical and Biological Treatment (Form 4)

(C) ✓ Storage (Form 5)

(D) ____ Landfill (Form 6)

(E) ____ Incineration (Form 7)

(F) ____ Thermal Treatment (Form 7)

(G) Comments: _____

Supplemental forms (Listed in Parathesis) must be completed for each activity inspected. Attach all Supplemental forms to this report.

III. MANIFEST

	Yes	No	Not Inspected	See Remark Number
(A) Are copies of the Manifest available?	✓			
(B) Does the Manifest contain the following information:				
1. Manifest document number?	✓			
2. Name, mailing address, telephone number, and EPA ID Number of Generator?	✓			
3. Name and EPA ID Number of Transporter(s)?	✓			
4. Name, Address, and EPA ID Number of Designated permitted facility and alternate facility?	✓	~~✓~~ - no alternate		
5. The description of the waste(s) (DOT shipping name, DOT hazard class, DOT identification number)?	✓			
6. The total quantity of waste(s) and the type and number of containers loaded?	✓			
7. Required Certification?	✓			
8. Required Signatures?	✓			
(C) Does the Owner or Operator Submit Exception Reports when Needed?				NA

IV. PRE-TRANSPORT REQUIREMENTS

(A) Is Generator Packaging waste in accordance with DOT Regulations?	✓			
(B) Are waste packages marked and labeled in accordance with DOT Regulations concerning hazardous waste materials?	✓			
(C) If required, are placards available to transporter?	✓			

	Yes	No	Not Inspected	See Remar Number
(D) Pre-shipment Accumulation:				
1. Are containers marked with start of accumulation date?		✓		
2. Are the containers of hazardous waste removed from installation before they can accumulate for more than 90 days?		✓		
3. Are wastes stored in containers managed in accordance with 40 CFR Part 265.174 and 265.176 (weekly inspections of containers, containers holding ignitable or reactive wastes located at least 15 meters (50 Feet) from facility's property line?	✓			
4. Are wastes stored in tanks managed according to the following:				
a. Are tanks used to store only those wastes which will not cause corrosion leakage or premature failure of the tank?	✓			
b. Do uncovered tanks have at least 60 cm (2 feet) of freeboard, or dikes or other containment structures?				NA
c. Do continuous feed systems have a waste-feed cutoff?				NA
d. Are required daily and weekly inspections done?	✓			
e. Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? (If waste is rendered non-reactive or non-ignitable, see treatment requi em nts?		✓		(14)
f. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR §265.17(b) apply)	✓			

5. If hazardous wastes accumulate on site, does the generat. follow the following general facility standards?				(15)
A. Do Personnel training records include:				
1. Job Titles?	✓			
2. Description of Training?	✓			
3. Records of Training?	✓			
Is Personnel Training Completed within the Requried Time Frame?	✓			
B. Prepardness and Prevention				
1. Maintenance and Operation of Facility:				
a. Is there any evidence of fire, explosion, or release of hazardous waste or hazardous waste constituent?		✓		
2. Does the Facility have the following equipment?				
a. Alarm system?	✓			
b. Telephone or 2-Way Radios?	✓			
c. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	✓			

Indicate the volume of water and/or foam available for fire control

Units: WATER 4000 GPM

3. Testing and Maintenance of Emergency Equipment:				
a. Has the Owner or Operator established testing and Maintenance Procedures for Emergency Equipment	✓			
b. Is emergency equipment Maintained in Operable Condition?	✓			

	Yes	No	Not Inspected	See Remark Number
4. Has Owner/Operator Provided Immediate Access to Internal Alarms (if needed)?	✓			
5. Is there adequate Aisle Space for unobstructed Movement?	✓			
6. Are arrangements with local authorities included in the operating record?	✓			
(C) Contingency Plan and Emergency Procedure				
1. Does the contingency plan contain the following:				
a. The actions facility personnel must take to comply with §264.51 and 261.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part)	✓			
b. Arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services, pursuant to §264.37?	✓			
c. Names, addresses, and Phone numbers (office and Home) of all persons qualified to act as emergency coordinator.	✓			
d. A list of all emergency equipment at the facility which include the location and physical description of each item on the list, and a brief outline of its capabilities?	✓			
e. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes and alternate evacuation routes.	✓			

	Yes	No	Not Inspected	See Remark Number
c. Met the Manifest requirements?	____	____	____	____
2. Importing Hazardous Waste, has the generator:				
a. Met the manifest requirements?	____	____	____	____

VII. PREPARER INFORMATION

Name: BILL BARROW

Title: HAZARDOUS WASTE SCIENTIST

Phone Number: 573-461-4670

REMARKS: ① Waste streams are not individualy analyzed however streams are marked as to process of origi ② Several leaking drums & due to warm temps. - waste running off into storm drain, leachate runoff from buried lagoons ③ Inspected regularly, no inspection log ④ Have verbal comm. with fire dept., nothing in operating record ⑤ They say no situation of this type has occured ⑥ Post closure plan not required at time of inspection, ground addition monitoring of ground water and run-off ⑧ Buried lagoons contribute to extremely high concs. of heavy metals (As), plastic stabilizers, solvents, etc. to air & ground degraded ⑨ Run-off from lagoons, storage areas ⑩ no records of ~~dumping~~ waste stream ⑦

	Yes	No	Not Inspected	See Remark Number
2. Are copies of the Contingency Plan available at site and local Emergency Organizations?	✓			
3. Emergency Coordinator				
a. Is the Facility Emergency Coordinator Identified?	✓			
b. Is Coordinator Familiar with all aspects of site operation and Emergency Procedures?	✓			
c. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?	✓			
4. Emergency Procedures				
If an Emergency Situation has occurred at this facility; has the Emergency Coordinator followed the Emergency Procedures listed in §256.56?				(5)

V. RECORDKEEPING

(A) Are Manifests, Annual Reports, Exception Reports, and All Test Results and Analyses Retained for at least three years?	✓			

VI. INTERNATIONAL SHIPMENTS

(A) Has the Installation Imported or Exported Hazardous Waste?		✓		
(If A was answered Yes, then complete one or both of the following)				
1. Exporting Hazardous waste, has a generator:				
a. Notified the Administrator in writing?				
b. Obtained the Signature of the foreign consignee confirming delivery of the waste(s) in the foreign country?				

EPA IDENTIFICATION NUMBER
OHD 000724138

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
TREATMENT, STORAGE, AND DISPOSAL FACILITIES
Form 1 - General Facility Standards

I. General Information:

(A) Facility Name: CARSTAB CORP.

(B) Street: WEST ST.

(C) City: CINN. (D) State: OH (E) Zip Code: 45215

(F) Phone: 513-554-1554 (G) County: HAMILTON

Operator: RALPH BINNS, PRES.

(I) Street: SAME

(J) City: (K) State: (L) Zip Code:

(M) Phone: (N) County:

(O) Owner: THIOKOL CORP.

(P) Street: P.O. BOX 1000

(Q) City: NEWTOWN (R) State: PENN (S) Zip Code: 18940

(T) Phone: 215-968-5911 (U) County:

(V) Type of Ownership: ___ Federal ___ Municipal ✓ Private ___ State ___ County

(W) Date of Inspection: 3/31/81 (Q) Time of Inspection (From) 2:00 (To) 5:00

(X) Weather Conditions: SUNNY, 75°

Person(s) Interviewed	Title	Telephone
RAY PHILLIPS	MAT. MG'D.	SAME
CARL ADAMS	PLANT ENG.	"
GLEN SHARF	DIR. IND. ENG.	"
MIKE PADGETT	TRAF. MAT. HANDLING	"

(Z) Inspection Participants	Title	Telephone
BILL BARROW	HAZARDOUS WASTE SCIENTIST	513-461-467

II. Description of Site Activity

(A) ___✓___ Generator (Form 2)

(B) _____ Transporter (Form 3)

(C) ___✓___ Chemical, Physical and Biological Treatment (Form 4)

(D) ___✓___ Storage (Form 5)

(E) _____ Landfill (Form 6)

(F) _____ Incineration (Form 7)

(G) ___✓___ Land Treatment (Form 4)

(H) _____ Thermal Treatment (Form 7)

(I) Comments: MANUFACTURE PASTIC STABILIZERS, CUTTING FLUIDS, LAND DISPOSAL PRIOR TO 1980

Supplemental forms (Listed in Parathesis) must be completed for each activity inspected. Attach all Supplemental forms to this report.

	Yes	No	Not Inspected	See Remark Number
(J) Has this facility Submitted a Part A Permit Application?	✓			

III. GENERAL FACILITY STANDARDS

	Yes		Not Inspected	See Re Number
A) Has the Regional Administrator been notified regarding:				
1. Receipt of hazardous waste from a foreign source?				NA
2. Transfer of Ownership?				NA
B) General Waste Analysis:				
1. Has the owner or operator obtained a detailed chemical and physical analysis of the waste?	✓			
2. Does the owner or operator have a detailed waste analysis plan on file at the facility?	✓			
3. Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?				(1)
C) Security - Do security measures include:				
1. 24-Hour Surveillance?	✓			
2. Artificial or Natural Barrier Around Facility?	✓			
3. Controlled Entry?	✓			
Danger Sign(s) at Entrance?	✓			
D) Do Owner or Operator Inspections Include:				
1. Records of Malfunctions?	✓			
2. Records of Operator Error?	✓			
3. Records of Discharges?	✓			
4. Inspection Schedule?	✓			
5. Safety, Emergency Equipment?	✓			
6. Security Devices?	✓			
7. Operating and Structural Devices?	✓			
8. Inspection Log?	✓			

	Yes	No	Not Inspected	See Remark Number
(E) Do Personnel Training Records Include:				
1. Job Titles?	✓			
2. Description of Training?	✓	✓		
3. Records of Training?	✓	✓		
Is Personnel Training Completed within the Required Time Frame?	✓			
(F) Are the Following Special Requirements for Ignitable, Reactive, or Incompatible Wastes Addressed?				
1. Special Handling?		✓		
2. No Smoking Signs?	✓			
3. Separation and Confinement?	✓			

IV. PREPAREDNESS AND PREVENTION

	Yes	No	Not Inspected	See Remark Number
(A) Maintenance and Operation of Facility:				
1. Is there any evidence of fire, Explosion, or release of hazardous waste or hazardous waste constituent?	✓			(2)
(B) Does the Facility have the Following Equipment:				
1. Alarm System?	✓			
2. Telephone or 2-Way Radios?	✓			
3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	✓			

Indicate the volume of water and/or foam available for fire control;

Units: WATER – 4000 gal/min.

	Yes	NO	Not Inspected	See Remarks Number
(C) Testing and Maintenance of Emergency Equipment:				
1. Has the Owner or Operator established Testing and Maintenance Procedures for Emergency Equipment?	✓			(3)
2. Is Emergency Equipment Maintained in Operable Conditions?	✓			
(D) Has Owner or Operator Provided Immediate Access to Internal Alarms (if needed)?	✓			
(E) Is there Adequate Aisle Space for Unobstructed Movement?	✓			
Are Arrangements with Local Authorities Included in the Operating Record?			✓	(4)

VI. CONTINGENCY PLAN AND EMERGENCY PROCEDURES

(A) Does the Contingency Plan Contain the Following Information:				
1. The actions facility personnel must take to comply with §264.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control, and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part.)	✓			
2. Arrangements agreed to by Local police departments, fire departments hospitals, contractors, and State and local emergency response teams to coordinate emergency services pursuant to §264.37?	✓			

	Yes	No	Not Inspected	See Remark Number
3. Names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators?	✓			
4. A list of all emergency equipment at the facility which includes the location and physical description of each item on the list and a brief outline of its capabilities?	✓			
5. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes.)	✓			
(B) Are copies of Contingency Plan Available at Site and local Emergency Organizations?	✓			
(C) Emergency Coordinator				
1. Is the facility Emergency Coordinator identified?	✓			
2. Is Coordinator Familiar with all aspects of site operation and emergency procedures?	✓			
3. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?	✓			
(D) Emergency Procedures				
If an Emergency Situation has occurred at this facility; has the Emergency Coordinator followed the Emergency procedures listed in 256.56?				(5)

VII. MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

	Yes	No	Not Inspected	See Remark Number
(A) Use of Manifest System				
1. Does the facility follow the procedures listed in §265.71 for processing each Manifest?	✓			
2. Are records of past shipments retained for 3 years?			✓	
(B) Does the owner or operator meet requirements regarding Manifest Discrepancies?			✓	
(C) Operating Record				
Does the facility maintain an operating record at the site as required in §265.73?	✓			
(D) Availability, Retention and Disposition of Records				
Are all records available at the site for inspection as required in §265.74?	✓			

VIII. CLOSURE AND POST CLOSURE

	Yes	No	Not Inspected	See Remark Number
(A) Closure and Post Closure				
1. Closure Plan Available for Inspection by May 19, 1981?	✓			
2. Has this plan been submitted to the Regional Administrator?	✓			
3. Has Closure begun?		✓		
4. Is closure cost estimate available by May 19, 1981?		✓		
(B) Post Closure Care and Use of Property - Has the Owner or Operator supplied a Post Closure Monitoring Plan (by May 19, 1981)?		✓		(6)

OHD000724138
EPA IDENTIFICATION NUMBER

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
SUPPLEMENTAL FORM 5 FOR STORAGE FACILITY INSPECTIONS

I. General Information

(A) Facility Name: CARSTAB CORP.

(B) Street: WEST ST

(C) City: CINN (D) State: OH (E) ZIP Code 45215

(F) Date of Inspection: 513-554-1554

II. Storage Facility Standards (Part 265)

A. Facilities which store containers of hazardous waste (Subpart I)

	YES	NO	NOT INSPECTED	REMARK #
1. Are containers in good condition?	✓			
2. Are containers compatible with waste in them?	✓			
3. Are containers stored closed?	✓			
4. Are containers managed to prevent leaks?				(7)
5. Are containers inspected weekly for leaks and defects?				
6. Are ignitable & reactive wastes stored at least 15 meters (50 feet) from the facility property line?	✓			
7. Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply.)	✓			
8. Are containers of incompatible wastes separated or protected from each other physical barriers or sufficient distance?	✓			

B. Facilities which store hazardous waste in tanks (Subpart J)

1. Are tanks used to store only those wastes which will not cause corrosion, leakage or premature failure of the tank?	✓			
2. Do uncovered tanks have at least 60 cm (2 feet) of freeboard, or dikes or other containment structures?				NA

Continued on next page

	YES	NO	NOT INSPECTED	REMARK #
Do continuous feed systems have a waste-feed cutoff?				NA
Are waste analyses done before the tanks are used to store a substantially different waste than before?	✓			
5. Are required daily and weekly inspections done?	✓			
6. Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)	✓			
7. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR 265.17(b) apply.)				NA

C. Facilities which store hazardous waste in surface impoundments (Subpart K)

1. Do surface impoundments have at least 60 cm (2 feet) of freeboard?				
2. Do earthen dikes have protective cover?				
3. Are waste analyses done when the impoundment is used to store a substantially different waste than before?				
4. Is the freeboard level inspected at least daily?				
5. Are the dikes inspected weekly for evidence of leaks or deterioration?				
6. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				
7. Are incompatible wastes stored in different impoundments? (If not, the provisions of 40 CFR 265.17(b) apply.)				

D. Facilities which store hazardous waste in waste piles (Subpart L)

1. Are waste piles covered or protected from the wind?				
2. Is each in-coming movement of waste analyzed before being added to the waste pile?				
3. Are leachate, run-off, and run-on controlled? (The effective date of this provision is Nov. 19, 1981.)				
4. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a pile? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				

Continued on next page

	YES	NO	NOT IN-SPECTED	REMARK #
Are piles of reactive or ignitable waste protected?				
6. Are incompatible wastes stored in different piles? (If not, the provisions of 40 CFR 265.17(b) apply.)				
7. Are piles of incompatible waste protected by barriers or distance from other waste?				

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
TREATMENT, STORAGE, AND DISPOSAL FACILITIES
Form 4 - Chemical, Physical and Biological Treatment/Land Treatment

I. General Information

(A) Facility Name: CERSTAR CORP.

(B) Street: WEST ST

(C) City: QINN (D) State: OH (E) Zip Code 45215

(F) Phone: 513-554-1554 (G) County: HAMILTON

II. Chemical, Physical and Biological Treatment (Subpart Q)

	Yes	No	Not Inspected	See Remark Number
1. Is equipment used to treat only those wastes which will not cause leakage, corrosion, or premature failure?	✓			
2. Is a continuously fed system equipped with a means of hazardous waste inflow stoppage or control (e.g., cut-off system)?				NA
Has the owner or operator addressed the waste analysis requirements of 265.402?	✓			
4. Are inspection procedures followed according to 265.403?	✓			
5. Are the special requirements fulfilled for ignitable or reactive wastes?	✓			
6. Are incompatible wastes treated? (If yes, 265.17(b) applies.)				NA

III. Land Treatment (Subpart M)

	Yes	No	Not Inspected	See Remark Number
1. Is hazardous waste capable of biological or chemical degradation?		✓		(8)
2. Are run-off and run-on diverted from the facility or collected (Effective date: November 19, 1981)?		✓		(9)
3. Is waste analysis according to 265.273?		✓		(10)
4. If food chain crops are grown at the facility, has the owner or operator addressed the requirements of 265.276?.				NA
5. Is an unsaturated zone monitoring plan designed and implemented to detect the vertical migration of hazardous waste and provide information on the background concentrations of the hazardous waste available?		✓		(11)
6. Does the unsaturated zone monitoring plan address the minimum information specified in 265.278?		✓		(12)
7. Are records kept regarding application dates and rates, quantities, and location of all hazardous waste placed in the facility?		✓		NA
Are the special requirements fulfilled regarding land treatment of ignitable or reactive wastes?		✓		
9. Are incompatible wastes land treated? (If yes, 265.17(b) applies.)				(13)

(13) used to bury reactive incompatible

(11) (12) need post monitoring Plan for unlined lagoons